

What is claimed is:

1. A castellated beam, comprising:
a first beam section, said first beam section having a cut line pattern
5 defining a plurality of first beam section lands and first beam section grooves; and,
a second beam section, said second beam section having a cut line pattern
defining a plurality of second beam section lands and second beam section grooves, said
first beam section lands being connected with said second beam section lands;
wherein said castellated beam contains wood.
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2. The castellated beam of claim 1, wherein the first beam section is
connected with the second beam section by at least one of an adhesive, and mechanical
fastener.
- 15 3. The castellated beam of claim 1, wherein the cut line pattern is configured
to form at least one of a circle, ellipse and polygon.
4. The castellated beam of claim 1, wherein the beam is at least one of a solid
lumber and engineered wood product.
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5. The castellated beam of claim 4, wherein the engineered wood product is at
least one of an oriented strand lumber, oriented strand board and parallel strand lumber.
6. The castellated beam of claim 1, wherein the castellated beam is at least
25 one of a straight beam or tapered beam.
7. The castellated beam of claim 6, wherein the castellated beam is at least
one of an I-beam or T-beam.
- 30 8. The castellated beam of claim 1, further comprising spacers between and
connected with the first beam section and the second beam section.
9. A method of forming a wood containing beam, comprising:
providing a wood containing blank, said wood containing blank having a
35 longitudinal axis;
cutting the wood containing blank along a cut line pattern to divide the
wood containing blank into a first beam section and a second beam section; said cut line

pattern defining a plurality of first beam section lands, first beam section grooves, second beam section lands and second beam section grooves;

aligning the first beam section land with the second beam section lands;

and,

5 fastening the first beam section lands with the second beam section lands.

10. The method of claim 9, wherein the wood containing blank is at least one of a solid lumber and engineered wood product.

10 11. The method of claim 9, wherein the engineered wood product is at least one of an oriented strand lumber, oriented strand board oriented strand lumber, wood plastic composite and parallel strand lumber.

12. The method of claim 9, further including adding a spacer between the first
15 beam section land and the second beam section land.

13. The method of claim 9, wherein fastening the first beam section with the second beam section is done by at least one of an adhesive, and mechanical fastener.